

Title (en)
Information recording method and apparatus

Title (de)
Informationsaufzeichnungsverfahren und -gerät

Title (fr)
Méthode et appareil d'enregistrement d'information

Publication
EP 0825602 A3 19990630 (EN)

Application
EP 97306387 A 19970821

Priority
JP 22158796 A 19960822

Abstract (en)
[origin: EP0825602A2] An information recording method is provided with: a buffering process for temporarily storing information (SR), which is inputted from the external (14) and is to be recorded, in a buffer memory (10); a generating process for reading out the temporarily stored information from the buffer memory, and applying a predetermined signal process onto the read out information to generate processed information (SRE) comprising a plurality of record units (42); a recording process of recording the processed information onto an information record medium (1); a detecting process of detecting a storage amount of the temporarily stored information in the buffer memory; a stop controlling process of controlling the recording process to stop recording the processed information within a presently-recorded record unit among the record units, which includes the processed information which is being recorded by the recording process, when the detected storage amount becomes less than a predetermined value; and a re-start controlling process of controlling the recording process to re-start recording the processed information onto the information record medium from one of the record units, which includes the processed information to be recorded prior in time sequence to the presently-recorded record unit, or which is identical with the presently-recorded record unit, when the detected storage amount becomes more than the predetermined value. <IMAGE>

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IPC 8 full level
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• [XA] JP H06103576 A 19940415 - MITSUBISHI ELECTRIC CORP & US 5583838 A 19961210 - ITOH TAKASHI [JP]
• [X] EP 0429139 A1 19910529 - PHILIPS NV [NL]
• [A] EP 0447319 A2 19910918 - GOLD STAR CO [KR]

Cited by
EP0974966A1; EP1870894A1; EP1020859A1; EP1098310A3; EP1158515A3; US6584053B1; US6501721B2; WO0034952A1; WO2004084209A1; US6795384B2; US7573789B2; US7599259B2; US6885623B1; KR100689720B1; EP1083748B1

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